

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	((hole near2 assist\$3) or hole-assist\$3) with ((optic\$3 near2 fiber) or (optic\$3 near2 fibre) or fiber-optic\$3 or fibre-optic\$3 or fibreoptic\$3))	USPAT	OR	OFF	2006/09/19 17:08
L2	8	((hole near2 assist\$3) or hole-assist\$3) with ((optic\$3 near2 fiber) or (optic\$3 near2 fibre) or fiber-optic\$3 or fibre-optic\$3 or fibreoptic\$3))	US-PGPUB; USOCR	OR	OFF	2006/09/19 16:54
L3	15	((hole near2 assist\$3) or hole-assist\$3) with ((optic\$3 near2 fiber) or (optic\$3 near2 fibre) or fiber-optic\$3 or fibre-optic\$3 or fibreoptic\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 16:54
L4	22	((hole near2 assist\$3) or hole-assist\$3) with ((optic\$3 near2 fiber) or (optic\$3 near2 fibre) or fiber-optic\$3 or fibre-optic\$3 or fibreoptic\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 17:34
L5	22	(1 or 2 or 3 or 4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 16:55
L6	0	("2006/0067632").URPN.	USPAT	OR	OFF	2006/09/19 16:57
L7	0	("2006/0045448").URPN.	USPAT	OR	OFF	2006/09/19 16:57
L8	0	("2005/0169590").URPN.	USPAT	OR	OFF	2006/09/19 16:57
L9	1	("2005/0069269").URPN.	USPAT	OR	OFF	2006/09/19 16:57
L10	0	("2006/0045448").URPN.	USPAT	OR	OFF	2006/09/19 16:58
L11	0	("2005/0169590").URPN.	USPAT	OR	OFF	2006/09/19 16:58
L12	1	("2005/0069269").URPN.	USPAT	OR	OFF	2006/09/19 16:58

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L13	1	("2004/0258353").URPN.	USPAT	OR	OFF	2006/09/19 16:58
L14	0	("2004/0179796").URPN.	USPAT	OR	OFF	2006/09/19 16:58
L15	0	("2004/0175084").URPN.	USPAT	OR	OFF	2006/09/19 16:58
L16	5	("20020061176"   "20050069269"   "4765704"   "5802236"   "6301420").PN. OR ("7082242").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 16:58
L17	10	("2002/0061176").URPN.	USPAT	OR	OFF	2006/09/19 16:59
L18	40	(holey with ((optic\$3 near2 fiber) or (optic\$3 near2 fibre) or fiber-optic\$3 or fibre-optic\$3 or fibreoptic\$3))	USPAT	OR	OFF	2006/09/19 17:00
L19	243	(holey with ((optic\$3 near2 fiber) or (optic\$3 near2 fibre) or fiber-optic\$3 or fibre-optic\$3 or fibreoptic\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 17:00
L20	6	("2002/0118938").URPN.	USPAT	OR	OFF	2006/09/19 17:06
L21	14	("20020001445"   "5155792"   "5440664"   "5471553"   "5570447"   "5802236"   "6097870"   "6280850"   "6334019").PN. OR ("6571045").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 17:07
L22	632	((microstructur\$3 or micro-structur\$3 or micro-construct\$3 or microconstruct\$3) with ((optic\$3 near2 fiber) or (optic\$3 near2 fibre) or fiber-optic\$3 or fibre-optic\$3 or fibreoptic\$3 or fibreoptic\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 17:10
L23	540	22 not (19 or 4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 17:23

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L24	726	(385/125).CCLS.		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 17:22
L25	467	24 not (23 or "29" or 4)		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 17:23
L26	6	("2002/0118938").URPN.		USPAT	OR	OFF	2006/09/19 17:25
L27	9	("20030133641"   "6243522"   "6260388"   "6426831"   "6444133"   "6445862"   "6456416"   "6496632").PN. OR ("6826339").URPN.		US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 17:26
L28	25	("4354736"   "4478489"   "4480897"   "4681399"   "4882716"   "5009107"   "5054922"   "5064270"   "5309540"   "5361130"   "5515459"   "5615295"   "5627921"   "5680489"   "5689578"   "5828059"   "5841131").PN. OR ("6208776").URPN.		US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 17:27
L29	484	((optic\$3 near2 fiber) or (optic\$3 near2 fibre) or fiber-optic\$3 or fibre-optic\$3 or fiberoptic\$3 or fibreoptic\$3) same ((holes or through-holes or channels or vias or openings) near2 (clad or cladding))		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 17:34
L30	379	29 not (23 or 19 or 4 or 25)		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 17:35

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L31	93	(US-20060067632-\$ or US-20060045448-\$ or US-20050169590-\$ or US-20050069269-\$ or US-20040258353-\$ or US-20040179796-\$ or US-20040175084-\$ or US-20060204195-\$ or US-20060034574-\$ or US-20050117860-\$ or US-20050036752-\$ or US-20050018986-\$ or US-20050008291-\$ or US-20030190129-\$ or US-20030165313-\$ or US-20030108316-\$ or US-20030103746-\$ or US-20020118938-\$ or US-20020001445-\$ or US-20060120677-\$ or US-20050238308-\$ or US-20050238307-\$ or US-20040136669-\$ or US-20040071423-\$ or US-20040050110-\$ or US-20020003923-\$).did. or (US-20010028775-\$ or US-20060188206-\$ or US-20060165361-\$ or US-20050180710-\$ or US-20020164136-\$ or US-20060010921-\$ or US-20050232560-\$ or US-20040114895-\$ or US-20020141717-\$).did. or (US-7082242-\$ or US-6972894-\$ or US-6892018-\$ or US-6856742-\$ or US-6705126-\$ or US-6587622-\$ or US-6571045-\$ or US-5471553-\$ or US-6512871-\$ or US-7106932-\$ or US-6636677-\$ or US-6606440-\$ or US-6526209-\$ or US-6445862-\$ or US-6400866-\$ or US-6826339-\$ or US-6788865-\$ or US-6334017-\$ or US-6208776-\$ or US-5841131-\$ or US-5615295-\$ or US-4681399-\$ or US-4478489-\$ or US-6801700-\$ or US-6343174-\$).did. or (WO-2004088377-\$ or GB-2386435-\$ or EP-1507154-\$ or WO-3098296-\$ or EP-1353199-\$).did. or (JP-2005338436-\$ or JP-2005084202-\$ or JP-2005003821-\$ or JP-2004220026-\$ or JP-2005114904-\$ or JP-2003337239-\$).did. or (JP-2006119582-\$ or JP-2005250022-\$ or CN-1740829-\$ or WO-2005091029-\$ or WO-2004088377-\$ or US-20040105640-\$ or US-20040096174-\$ or WO-2003079077-\$ or WO-2003079074-\$ or US-20010038740-\$ or EP-1148360-\$ or US-20060165361-\$ or JP-2005208268-\$ or JP-2004264405-\$ or WO-2004027475-\$ or JP-2004020837-\$ or JP-2003307632-\$ or JP-2003167145-\$ or JP-09230293-\$ or JP-09222520-\$ or JP-05288935-\$ or JP-03016929-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/19 17:43
L32	13	31 and (zero-dispersion or (zero adj dispersion))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 17:46
L33	80	31 not 32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 17:46

## EAST Search History

L34	65	33 and @ad<"20040330"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 17:46
L35	29	("4179189"   "4354736"   "4415230").PN. OR ("4478489").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 17:49